

Name : _____

Constant of Proportionality

Sheet 5

Find the constant of proportionality(k) for each linear relationship.

1) $14y - 84x = 0$

2) $91y = 26x$

3) $\frac{24y}{x} = 15$

4) $\frac{12y}{26} - 1 = 0$

5) $8x = 8y$

= 0

7) $\frac{5y}{85x} = 1$

9) $12y = 144x$

10) $\frac{4y}{x} = 76$

PREVIEW

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Constant of Proportionality

Find the constant of proportionality(k) for each linear relationship.

1) $14y - 84x = 0$

2) $91y = 26x$

$k = 6$

$k = \frac{2}{7}$

3) $\frac{24y}{x} = 15$

4) $\frac{12y}{26} - 1 = 0$

PREVIEW**k**

$k = 3$

5) $8x = 8y$

$= 0$

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$k = \frac{2}{3}$

7) $\frac{5y}{85x} = 1$

k

$k = 17$

$k = 8$

9) $12y = 144x$

10) $\frac{4y}{x} = 76$

$k = 12$

$k = 19$